


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>251134</b>
		CLIENT REF. NO. <b>20060G/US</b>
		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/570,904</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/012508</b>	INTERNATIONAL FILING DATE <b>Aug. 31, 2004 (31.08.2004)</b>	PRIORITY DATE CLAIMED <b>Sep. 8, 2003 (08.09.2003)</b>
TITLE OF INVENTION <b>MODIFIED PYRROLOQUINOLINE QUINONE (PQQ) DEPENDENT GLUCOSE DEHYDROGENASE EXCELLENT IN SUBSTRATE SPECIFICITY</b>		
APPLICANT(S) FOR DO/EO/US <b>Takeshima et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)).</li> <li>4. <input type="checkbox"/> The US has been elected (PCT Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has previously been submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).</li> <li>11. Nucleotide and/or Amino Acid Sequence Submission           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:               <ol style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input checked="" type="checkbox"/> Paper Copy</li> </ol> </li> <li>c. <input checked="" type="checkbox"/> Statement verifying identity of above copies</li> </ol> </li> </ol>		
<b>Items 12 to 20 below concern other document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>12. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.           <div style="margin-left: 20px;"> <input type="checkbox"/> Form PTO-1449  <input type="checkbox"/> Copies of References (except for U.S. patents and applications)           </div> </li> <li>13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>14. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>15. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>16. <input type="checkbox"/> A substitute specification.</li> <li>17. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>18. <input type="checkbox"/> Application Data Sheet Under 37 CFR 1.76</li> <li>19. <input type="checkbox"/> Return Receipt Postcard</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Response to Notice to Comply With Requirements for Applications Containing Sequence Disclosures</li> </ol>		

**SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

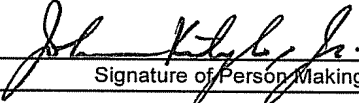
U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/570,904</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/012508</b>		ATTORNEY DOCKET NO. <b>251134</b>		CLIENT REF. NO. <b>20060G/US</b>	
The following fees are submitted:						CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee ..... <b>\$300</b>						\$	
22. <input type="checkbox"/> Examination Fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$ 0</b> All other situations ..... <b>\$200</b>						\$	
23. <input type="checkbox"/> Search Fee USPTO was ISA ..... <b>\$100</b> Search report provided to USPTO by other entity ..... <b>\$400</b> All other situations ..... <b>\$500</b>						\$	
<b>TOTAL OF 21, 22 AND 23 =</b>						\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.							
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =		/ 50 =				x \$250	
						\$	
<input type="checkbox"/> Surcharge of <b>\$130</b> for furnishing the National fee or oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).						\$	
CLAIMS		NUMBER FILED		NUMBER EXTRA		RATE	
Total Claims		- 20 =				x \$ 50	
Independent Claims		- 3 =				x \$200	
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>						+ \$360	
<b>TOTAL OF ABOVE CALCULATIONS =</b>						\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$( )	
<b>SUBTOTAL=</b>						\$	
<input type="checkbox"/> Processing fee of <b>\$130</b> for furnishing English Translation later than 30 months from the earliest claimed priority date.						\$	
<b>TOTAL NATIONAL FEE=</b>						\$	
<input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40 per property.</b>						\$	
<b>TOTAL FEES ENCLOSED=</b>						\$	
						Amount to be: refunded	\$
						Amount to be: charged:	\$
<p>a. <input checked="" type="checkbox"/> No fee is believed to be due.</p> <p>b. <input type="checkbox"/> Please charge Deposit Account No. 12-1216 the total fee indicated above.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1216.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO CUSTOMER NO. 23460:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> <p><b>23460</b></p> </div> <div style="text-align: right;"> <p>  John Kilyk, Jr., Registration No. 30,763  LEYDIG, VOIT &amp; MAYER, LTD.  Two Prudential Plaza, Suite 4900  180 North Stetson Avenue  Chicago, Illinois 60601-6731  (312) 616-5600 (telephone)  (312) 616-5700 (facsimile)</p> <p>Date: December 19, 2006</p> </div> </div>							

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December 19, 2006
Date of Deposit

I hereby certify that this transmittal document with respect to the U.S. national phase of the above-referenced International Patent Application, including all of the items listed thereon as enclosures, is being submitted to the U.S. Patent and Trademark Office utilizing the USPTO Electronic Filing System (EFS-Web).

John Kilyk, Jr.
Typed or Printed Name of Person Making Deposit


Signature of Person Making Deposit